

Antisoiling Coatings for Antireflective Surfaces
and Methods of Preparation

Abstract of the Disclosure

5 An antisoiling coating for an antireflective surface, particularly the outer surface of an antireflective film stack, wherein the antisoiling coating includes a fluorinated siloxane, preferably prepared by applying a coating composition of a fluorinated silane, having a number average molecular weight of at least about 1000, of the following formula:



wherein: R_f is a monovalent or divalent polyfluoropolyether group; R^1 is a divalent alkylene group, arylene group, or combinations thereof; R^2 is a lower alkyl group; Y is a halide, a lower alkoxy group, or a lower acyloxy group; x is 0
15 or 1; and y is 1 or 2.

EXpress MAIL" MAILING LABEL NUMBER: EM 520295492 US
DATE OF DEPOSIT: January 27, 1998
I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED WITH THE
UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE"
SERVICE UNDER 17 CFR 1.10 ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO
THE ASSISTANT COMMISSIONER FOR PATENTS.
WASHINGTON, D.C. 20231
PRINTED NAME Ann M. Muetting
SIGNATURE Ann M. Muetting